

# Montana Fish, Wildlife & Parks

April 30, 2001

TO: Governor's Office, Todd O'Hair, Rm. 204, State Capitol, P.O. Box 200801, Helena, MT 59620-0801 Environmental Quality Council, Capitol Building, Room 106, P.O Box 201704, Helena, MT 59620 Dept. Environmental Quality, Metcalf Building, P.O. Box 200901, Helena, MT 59620-0901 Dept. of Natural Resources and Conservation, US F&G Bldg. 1625 11<sup>th</sup> Ave. Helena, MT 59620

Bud Clinch, Director

Information Services Section

Water Resources Division, 48 N. Last Chance Gulch, P.O. Box 201601, Helena, MT 59620-1601 Montana Fish, Wildlife & Parks, 1420 E. 6<sup>th</sup> Ave. Helena, MT 59620

Director's Office

Fisheries Division

Parks Division

Lands Section

Legal

Design and Construction Bureau

**FWP Commission** 

MT Historical Society, State Historic Preservation Office, P.O. Box 201202 Helena, MT 59620-1202

MT State Library, 1515 E. Sixth Ave., P.O. Box 201800, Helena, MT 59620

James Jensen, Montana Environmental Information Center, POB 1184, Helena, MT 59624

Janet Ellis, Montana Audubon Council, P.O. Box 924, Helena, MT 59624

Northern Plains Resource Council, 2401 Montana Ave. Suite 200, Billings, MT 59101-2336

Jefferson County Commissioners, P.O. Box H, Boulder, MT 59632

Jefferson County Disaster and Emergency Services Coordinator, P.O. Box H, Boulder, MT 59632

Wildlife Federation, P.O. Box 1175, Helena, MT 59624

Trout Unlimited, P.O. Box 7186, Missoula, MT 59807

MT State Parks Association, P.O. Box 699, Billings, MT 59103

Senator Duane Grimes, Senate District 20, 4 Hole In The Wall, Clancy, MT 59634-9516

Rep. Rick Dale, House District 39, 5 Rocky Mountain Dr., Whitehall, MT 59759-9626

George Ochenski, P.O. Box 689, Helena, MT 59624

Environmental Protection Agency, 301 S. Park Ave. Drawer 10096, Helena, MT 59625-0096

Larry Cole, U.S. Forest Service, Helena Ranger District, 2001 Poplar, Helena, MT 59601

Doug McClelland, U.S.F.S. Engineering Section, 200 E. Broadway, P.O. Box 7669, Missoula, MT 59807

U.S. Army Corps of Engineers, 301 S. Park Ave. Drawer 10014, Helena, MT 59626-0014

U.S. Fish & Wildlife Service, MT Field Office, 100 N. Park Ave. Helena, MT 59601

Perry Backus, 65 Redtail, Dillon, MT 59725

Tom Sathers, Headwaters Fish & Game Assoc., P.O. Box 1941, Bozeman, MT 59771-1941

Jerry DiMarco, P.O. Box 1571, Bozeman, MT 59771

Wildlife Federation, P.O. Box 1175, Helena, MT 59624

Wayne Hurst, P.O. Box 728, Libby, MT 59923

#### Ladies and Gentlemen:

The enclosed Environmental Assessment (EA) has been prepared for the Park Lake Site Investigation and is submitted for your consideration. Comments or questions about the project can be submitted to Montana Fish, Wildlife & Parks, Helena Area Resource Office, 930 Custer Ave. Helena, MT 59620, attn. Craig Marr (406) 444-4720, e-mail <a href="mailto:cmarr@state.mt.us">cmarr@state.mt.us</a>. Copies of the EA are available upon request.

MILA

Michael Korn

Helena Area Coordinator MT Fish, Wildlife & Parks

#### DRAFT

### MEPA ENVIRONMENTAL ASSESSMENT CHECKLIST

#### Part I. Proposed Action Description

- 1. Type of Proposed State Action Site Investigation
- 2. Agency Authority for the Proposed Action

Owner: MT Dept. of Fish, Wildlife & Parks; Sec. 23-1-102 and Sec. 23-1-110, MCA.

- 3. Name of Project Park Lake Site Investigation Dam and Spillway
- 4. Name, Address and Phone Number of Project Sponsor (if other than the agency)

MT. Dept. of Natural Resources & Conservation, 48 N. Last Chance Gulch, P.O. Box 201601, Helena, MT 59620 – 1601 (406) 444-6790 - attn. Rob Kingery, Project Engineer

5. If Applicable:

Estimated Construction/Commencement Date September 10, 2001

Estimated Completion Date <u>December 31, 2001</u> Current Status of Project Design (% complete) <u>25</u>%

6. Location Affected by Proposed Action (county, range and township)

Jefferson County - Section 13, Township 8N, Range 5W

7. Project Size: Estimate the number of acres that would be directly affected that are currently:

(a)	Developed:	(c)	Floodplainacres
	Residentialacres		
	Industrialacres	(d)	Productive:
	Open Space/		Irrigated cropland acres
	Woodlands /		Dry cropland acres
	Recreation 1 acre		Forestryacres
			Rangeland acres
(b)	Wetlands/Riparian		Otheracres
	Areasacres		
		(e) <u>x</u>	Other: earthen dam4 acres

8. Map/site plan: attach an original 8 1/2" x 11" or larger section of the most recent USGS 7.5' series topographic map showing the location and boundaries of the area that would be affected by the proposed action. A different map scale may be substituted if more appropriate or if required by agency rule. If available, a site plan should also be attached.

Vicinity map, topographic map and construction sketches attached.

9. Narrative Summary of the Proposed Action or Project including the Benefits and Purpose of the Proposed Action.

Park Lake Dam and Reservoir is located in Jefferson County, section 13, township 8 north, range 5 west, approximately 10 miles southwest of Helena, Montana. The dam and reservoir are owned by Montana Fish, Wildlife and Parks. The Montana Department of Natural Resources and Conservation is providing assistance by overseeing the design and construction work for this project. Park Lake Dam does not currently meet dam safety standards due to an undermined spillway culvert, eroded upstream face, downstream slope instability, and other potential deficiencies. This project is being proposed to provide the necessary geotechnical site information on the dam in preparation of its rehabilitation.

This site investigation will involve the drilling of test wells, the excavation of test pits and the clearing of brush, trees and vegetation along two equipment access routes. The brush and tree removal is necessary to allow equipment access to exploration sites. Approximately 10 cubic yards of material will be excavated for the test pits. The test pits would not be in the reservoir pool area and would be above the reservoir high water level. The pits would be filled upon completion of the site investigation. The types of equipment used for the project would include a backhoe and a drilling rig. All of the work will be performed above existing water levels, and above the high water level of the reservoir. Any disturbed areas would be reclaimed upon completion of the project, with the exception of the maintenance access to the main dam, which would be maintained for future use. A locking gate will be installed on the maintenance access to prevent unauthorized vehicle access. A cultural clearance from the Montana State Historic Preservation Office was obtained in July 2000.

The overriding goal of this project is to provide the necessary information for the development of alternatives to the proposed future dam rehabilitation. This would help to ensure that the highest possible level of protection is established and maintained for the public and property downstream from a designated high hazard dam. A high hazard dam is one whose failure would endanger lives. It is not a reflection of the actual condition of the dam. Other goals include the protection of water quality, fisheries habitat and recreational resources associated with the reservoir. Work is anticipated to begin in mid September 2001 and end in December 2001.

10. Listing of any other Local, State or Federal agency that has overlapping or additional jurisdiction.

(a) Agency	Permits: Name	Permit	Date Filed/#	
MT Sta	te Historic Preservation Office	Cultural Clearance	received July 2000 #2000061606	
(b)	Funding:		<i>"200000</i> .000	
Agency	Name Funding A	mount		
MT Fisl	n, Wildlife & Parks is funding t	his project – The estimated cost i	is \$30,000	
(c)	Other Overlapping or Additio	nal Jurisdictional Responsibilities	:	
Agency	Name Type of Re	esponsibility		
MT De	ept. of Natural Resources a	nd Conservation - Dam safety,	, maintenance and proje	ct engineering

managing agency for recreational resources at the Park Lake Fishing Access Site.

Forest Service lands

U.S. Forest Service - Helena Ranger District, Property owner and managing agency of adjacent U.S.

MT Fish, Wildlife & Parks - Property owner and managing agency for wildlife and fisheries resources, and

#### 11. List of Agencies Consulted during Preparation of the EA:

MT Dept. of Environmental Quality

MT Fish, Wildlife & Parks

MT Dept. of Natural Resources & Conservation

MT State Library, Natural Resource Information System

U.S. Forest Service

U.S. Army Corps of Engineers

## Part II. Environmental Checklist Review

1. PHYSICAL ENVIRONMENT

	20		<u>IN</u>	MPACTS		
,	Unknown *	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
1. LAND RESOURCES			/			
Will the proposed action result in:						- 1
a. Soil instability or changes in geologic substructure?		х		j 1		
b. Disruption, displacement, erosion, compaction, moisture loss, or over-covering of soil which would reduce productivity or fertility?			х		yes	1b.
c. Destruction, covering or modification of any unique geologic or physical features?		X				
d. Changes in siltation, deposition or erosion patterns that may modify the channel of a river or stream or the bed or shore of a lake?		х				
e. Exposure of people or property to earthquakes, landslides, ground failure, or other natural hazard?		X				
f. Other:						

<sup>1</sup> b.) Site disturbance would occur during construction. Some minor soil compaction may occur due to heavy equipment operation. Approximately 10 cubic yards of material would be involved in the excavation of the test pits. Effects would be minor in the short-term due to the all of the work being accomplished outside of the reservoir pool area and above all high water levels. Effects are negligible in the long-term because of reclamation of areas disturbed during construction. The maintenance access would be maintained for future use. A locking gate will be installed on the maintenance access to prevent unauthorized vehicle access. The test pits would be filled in upon completion of the project.

PHYSICAL ENVIRONMENT (Continued)				MPACTS		
	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
2. <u>AIR</u>		. (9				
Will the proposed action result in:	V =	9		8-		
a. Emission of air pollutants or deterioration of ambient air quality?			Х			2a
b. Creation of objectionable odors?	v		х			2b
c. Alteration of air movement, moisture, or temperature patterns or any change in climate, either locally or regionally?		х .		-		
d. Adverse effects on vegetation, including crops, due to increased emissions of pollutants?	,	х		×		
e. Other:						

<sup>2</sup> a. & b.) During construction, heavy equipment emissions will contain some pollutants and odors.

PHYSICAL ENVIRONMENT				<u>IMPACTS</u>		a.
	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
3. <u>WATER</u>	, 1960 1		a - 2	1 ST	5 E	
Will the proposed action result in:	77.0	of adjustment of the second				
a. Discharge into surface water or any alteration of surface water quality including but not limited to temperature, dissolved oxygen or turbidity?		X				
b. Changes in drainage patterns or the rate and amount of surface runoff?	mar Jaco	x				
c. Alteration of the course or magnitude of flood water or other flows?		×		-		
d. Changes in the amount of surface water in any water body or creation of a new water body?		X			8 44	
e. Exposure of people or property to water related hazards such as flooding?	-	х		1		
f. Changes in the qualify of groundwater?		х				20 00 00 00 00 00 00 00 00 00 00 00 00 0
g. Changes in the quantity of groundwater?	~	х				
h. Increase in the risk of contamination of surface or groundwater?	ir e ;	X	41			* y
i. Violation of the Montana Non-Degradation Statute?		х	. 2 . 2	S I I I ROPE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100
j. Effects on any existing water right or reservation?	y . 8 100	X	ile , e o			e c
k. Effects on other water users as a result of any alteration in surface or groundwater quality?		х				
I. Effects on other users as a result of any alteration in surface or groundwater quantity?		х	·			
m. Other:				,		

PHYSICAL ENVIRONMENT (Continued)	7	1		MPACTS		
	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be mitigated*	Comment Index
4. <u>VEGETATION</u>						
Will the proposed action result in:	2				\$1.17.8 0.130	n ä
a. Changes in the diversity, productivity or abundance of plant species (including trees, shrubs, grass, crops, and aquatic plants)?	~ -		Х		yes	4a
b. Alteration of a plant community?		×	And the state of t			
c. Adverse effects on any unique, rare, threatened, or endangered plant species?		х				
d. Reduction in acreage or productivity of any agricultural land?		х				
e. Establishment or spread of noxious weeds?			х		yes	4e
f. Other:				4		

<sup>4</sup> a.) Some vegetation will be removed during the excavation of the test pits and test well drilling. The existing maintenance access to the main dam would also be cleared and widened. A temporary access would be developed to the east dike exploration area. Effects are negligible in the long-term because of reclamation and re-seeding/revegetation of all disturbed area. The maintenance access to the main dam would be maintained for future use.

<sup>4</sup> e.) An increase in noxious weeds could occur due to soil disturbance and equipment operation. Effects are negligible in the long-term because of reclamation and weed control implementation. All construction equipment will be cleaned of noxious weeds before entering National Forest lands.

PHYSICAL ENVIRONMENT (Continued)				<u>IMPACTS</u>		
	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
5. <u>FISH/WILDLIFE</u>						
Will the proposed action result in:		=!			- h.a	
a. Deterioration of critical fish or wildlife habitat?		х				
b. Changes in the diversity or abundance of game animals or bird species?		х				
c. Changes in the diversity or abundance of nongame species?		х	·			
d. Introduction of new species into an area?	2	. <b>X</b>	2			
e. Creation of a barrier to the migration or movement of animals?		X				
f. Adverse effects on any unique, rare, threatened, or endangered species?		Х			, b 4	
g. Increase in conditions that stress wildlife populations or limit abundance (including harassment, legal or illegal harvest or other human activity)?			X	, j. e	eridadS is As	5g
h. Other:						

<sup>5</sup> g.) The temporary increase in activity and human presence associated with the construction activity may create an increase in stressful conditions for some local wildlife. The effects would be minor due to the small land area affected and would end with the completion of the project.

2. <u>HUMAN</u> ENVIRONMENT	1			IMPACTS		
	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
6. NOISE/ELECTRICAL EFFECTS						
Will the proposed action result in:	S 1000		= 20		Province of the second	
a. Increases in existing noise levels?	3	4 	х	×3	h k tra	6a
b. Exposure of people to severe or nuisance noise levels?			х			6b
c. Creation of electrostatic or electromagnetic effects that could be detrimental to human health or property?		X				
d. Interference with radio or television reception and operation?		х			6	
e. Other:					1 2 2 2	
,					3 2,5+3 F -	- 0.0 m - 0 m - 1 m - 1

<sup>6</sup> a & b.) Noise levels will increase temporarily during the construction period.

HUMAN ENVIRONMENT (Continued)		* * ***	1	MPACTS	2g. e	
200,000	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
7. LAND USE						
Will the proposed action result in:	410	1-				
a. Alteration of or interference with the productivity or profitability of the existing land use of an area?		×				100 (100 (100 (100 (100 (100 (100 (100
b. Conflict with a designated natural area or area of unusual scientific or educational importance?	1	x	7			
c. Conflict with any existing land use whose presence would constrain or potentially prohibit the proposed action?		x			7 A N A	
d. Adverse effects on or relocation of residences?		х				
e. An increase in government regulatory restrictions on private property?		х			•	
f. Other:						

HUMAN ENVIRONMENT (Continued)			<u>IM</u>	IPACTS		
	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
8. <u>RISK/HEALTH</u> <u>HAZARDS</u>	~			§	Section of Special Section 1997	
Will the proposed action result in:				and the second s		
a. Risk of an explosion or release of hazardous substances (including but not limited to oil, pesticides, chemicals, or radiation) in the event of an accident or other forms of disruption?		x				
b. Affect an existing emergency response or emergency evacuation plan or create a need for a new plan?		х		X		1
c. Creation of any human health hazard or potential hazard?		х	1	, y w		
d. Other:		29				
					16	

HUMAN ENVIRONMENT (Continued)		4.5		IMPACTS		
	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
9. <u>COMMUNITY</u> <u>IMPACTS</u>						
Will the proposed action result in:						Buck outstand
a. Alteration of the location, distribution, density, or growth rate of the human population of an area?		х				
b. Alteration of the social structure of a community?		х				
c. Alteration of the level or distribution of employment or community or personal income?		X				
d. Changes in industrial or commercial activity?		х			7 E 2	
e. Increased traffic hazards or effects on existing transportation facilities or patterns of movement of people and goods?		х				
f. Other:						

HUMAN ENVIRONMENT (Continued)			<u>IN</u>	<u>IPACTS</u>		A (1)
(	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
10. PUBLIC SERVICES/ TAXES/UTILITIES						1467.11
Will the proposed action:						200, 200 4
a. Have an effect upon or result in a need for new or altered governmental services in any of the following areas: fire or police protection, schools, parks/recreational facilities, roads or other public maintenance, water supply, sewer or septic systems, solid waste disposal, health, or other governmental services? If any, specify: parks/recreational facilities		×				
b. Have an effect upon the local or state tax base and revenues?		×				and the second
c. Result in a need for new facilities or substantial alterations of any of the following utilities: electric power, natural gas, other fuel supply or distribution systems, or communications?		X				
d. Result in increased use of any energy source?		х				
e. Other:						
e. Other:						

HUMAN ENVIRONMENT (Continued)		4,	<u>IMPACTS</u>			
	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
11. AESTHETICS/ RECREATION			Sec.			
Will the proposed action result in:					13.12 <sup>3</sup>	.0
a. Alteration of any scenic vista or creation of an aesthetically offensive site or effect that is open to public view?			X			11a
b. Alteration of the aesthetic character of a community or neighborhood?		Х				
c. Alteration of the quality or quantity of recreational opportunities and settings?			X			11c
d. Other:						
			(			

<sup>11</sup> a & c.) Construction will temporarily affect the aesthetics of the area in the short-term. Some visitors to the forest service campground and anglers may be impacted due to the operation of equipment and site disturbance. The removal of trees from the dam crest may also affect the aesthetic character of the site. Effects are negligible in the long-term because of reclamation and re-seeding/revegetation of all disturbed area. The maintenance access to the main dam would be maintained for future use. The quality of the recreational opportunities and setting will be temporarily impacted during construction. The effects will be short-term and end with the completion of the project.

HUMAN ENVIRONMENT		3.0	<u>IMPACTS</u>		- 1 A C C C C C C C C C C C C C C C C C C	
(Continued)	Unknown*	No Significant Impacts	Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
12. <u>CULTURAL/</u> <u>HISTORICAL</u> <u>RESOURCES</u>						
Will the proposed action result in:			¥			
a. Destruction or alteration of any site, structure or object of prehistoric, historic, or paleontological importance?		Х	4 94			12a
b. Physical change that would affect unique cultural values?		x				12b
c. Effects on existing religious or sacred uses of a site or area?		x				12c
d. Other:						

<sup>12</sup> a,b & c.) Cultural clearance was obtained from the MT State Historic Preservation Office (SHPO) in July 2000.

3. SIGNIFICANCE CRITERIA		No Significant Impacts	<u>IMPACTS</u>			
S (2 4 5	Unknown*		Minor Impacts*	Potentially Significant Impacts*	Can Impacts be Mitigated*	Comment Index
13. <u>SUMMARY</u> <u>EVALUATION OF</u> <u>SIGNIFICANCE</u>						
Will the proposed action, considered as a whole:					10 m	
a. Have impacts that are individually limited, but cumulatively considerable? (A project or program may result in impacts on two or more separate resources which create a significant effect when considered together or in total.)			X		yes	13a
b. Involve potential risks or adverse effects which are uncertain but extremely hazardous if they were to occur?		Х	- 7		engli, c.	8
c. Potentially conflict with the substantive requirements of any local, state, or federal law, regulation, standard or formal plan?		x				
d. Establish a precedent or likelihood that future actions with significant environmental impacts will be proposed?		X				
e. Generate substantial debate or controversy about the nature of the impacts that would be created?	, 1 m	х				
f. Other:						
						All Control

<sup>13</sup> a.) Short-term, temporary, non-significant impacts will occur in the quality of the recreational opportunities and experience. No adverse impacts are anticipated as a result of this site investigation. All impacts are temporary, will end with the completion of the project, and/or will be mitigated by reclamation, reseeding and revegetation of the project area, and the implementation of weed control measures. All equipment will be cleaned of noxious weeds before entering National Forest lands.

#### Part III. Alternatives and Evaluation

- 1. Description and analysis of reasonable alternatives (including the no action alternative) to the proposed action whenever alternatives are reasonably available and prudent to consider and a discussion of how the alternatives would be implemented:
- A. No action Would hamper proposed rehabilitation efforts and result in continued deterioration of the dam. This could affect the integrity of the dam itself, including the possibility of failure of the dam. This would greatly increase the risk to the public and property downstream, and potentially impact existing fisheries resources and recreational opportunities.
- B. Proceed as planned with the project This will have the beneficial effects of providing the needed information to determine and evaluate possible rehabilitation alternatives to address the structural deficiencies currently associated with the dam. This would serve to protect the integrity of the dam, thereby reducing downstream public and property risks. Fisheries resources and recreational opportunities associated with the reservoir would also be maintained.
- 2. Evaluation and listing of mitigation, stipulation, or other control measures enforceable by the agency or another government agency:

All impacts cited are minor. Any areas disturbed by the construction would be reclaimed.

3. Based on the significance criteria evaluated in this EA, is an EIS required? YES / NO If an EIS is not required, explain why.

The EA is the appropriate level of analysis for this proposed action.

Because of the short-term, temporary, minor, and non-significant nature of the actual environmental impacts associated with this project and the beneficial, long-term affects to public safety, fisheries resources and recreational opportunities, an EA is the appropriate level of analysis for this proposed action.

4. Describe the level of public involvement for this project if any and, given the complexity and the seriousness of the environmental issues associated with the proposed action, is the level of public involvement appropriate under the circumstances?

The appropriate level of public involvement for this proposal is the publication of the proposed action in the Helena Independent Record newspaper for two consecutive weeks in the legal notices section. This is an appropriate level of public involvement considering the minor, non-significant impacts of the environmental issues associated with the proposed action, and the long-term public safety, fisheries, and recreation issues being addressed by the proposed action.

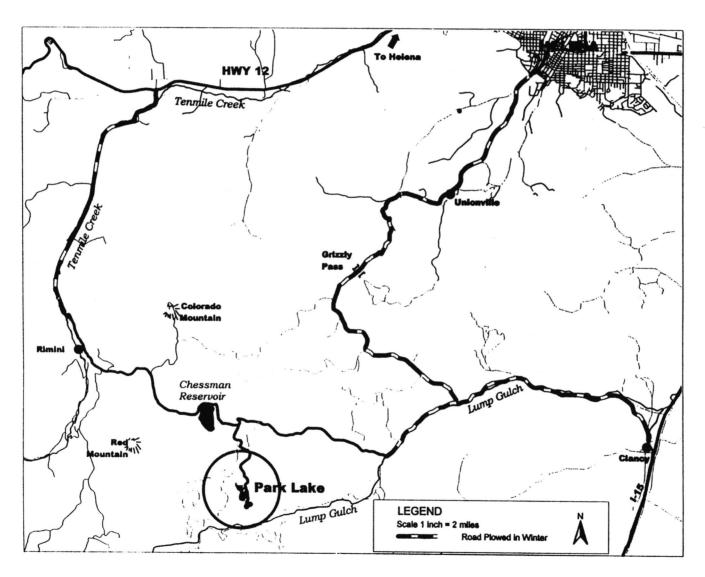
- 5. Duration of comment period if any: 30 Days Copies of the EA can be obtained from the address listed below. Comments will be accepted until May 31 2001 and can be submitted via telephone or mailed to the DFWP at the address listed below.
- 6. Name, title, addresses and telephone number of the Person(s) Responsible for Preparing the EA:

Mr. Craig Marr MT Fish, Wildlife & Parks 930 Custer Avenue West Helena, MT 59620 (406) 444-4720 cmarr@state.mt.us

Mr. James P. Domino
MT Dept. of Natural Resources and Conservation
48 N. Last Chance Gulch, P.O. Box 201601
Helena, MT 59620-1601
(406) 444-6622 jdomino@state.mt.us

### Part IV. Narrative Evaluation and Comment

The project as proposed will not have any significant impacts. The impacts associated with the actual site investigation construction will be short-term, minor, temporary, and end with the completion of the project. Impacts associated with weed proliferation and the quality of the recreational experience will be mitigated by reclamation and weed control efforts. All equipment will be cleaned of noxious weeds prior to entering National Forest lands. Any potential impacts to flora or fauna are minor, temporary in nature and would end with the completion of the project. The SHPO indicated that no cultural or historic resources would be impacted by the proposed project. All disturbed areas would be reclaimed upon project completion and reseeded using native grasses. The maintenance access to the main dam would be maintained for future use. A locking gate will be installed on the maintenance road to prevent unauthorized vehicle access. The long-term public benefits, including enhanced public safety, the protection of property downstream from the dam, the protection of downstream water quality and the protection of existing fisheries habitat and recreational resources outweigh any minor, short-term and temporary negative impacts.



Park Lake Access Routes

